

Amendments to the Claims

These claims will replace all prior versions, and listings, of claims in the application:

1. (cancelled).

2. (cancelled)

3. (currently amended) A transmitter ~~designed for transmitting via a communication channel~~, frames of primary digital data protected against errors ~~to a receiver via a communication channel~~, comprising:

means for generating the frames of primary digital data;

attribution means for attributing a priority level to each of the frames of primary digital data; and

forward error correction protection means ~~of the FEC type~~, for adding redundancy data ~~products~~ to the frames of primary digital data ~~for which a protection is sought~~, the ~~an added~~ quantity of the redundancy data being a function of the level of priority level of the a frame of primary digital data ~~frame under consideration~~ and of the an error rate of the communication channel; ~~said protection means delivering said frames of protected data over the communication channel; and~~

~~control means for preventing the transmission of certain frames of primary data, especially those whose priority level is low, wherein the assignment of a level of priority to each of the frames of primary digital data is made by an identification of the type of data contained in each of the frames of primary digital data and relating said type of data to a priority level by using a correspondence table stored in a memory.~~

4. (currently amended) A The transmitter as claimed in claim 3, ~~wherein said~~ further comprising control means for ensuring that the a data rate of the frames of protected primary digital data sent over the communication channel does not exceed the a maximum passband of said communication channel.

5. (currently amended) ~~A~~ The transmitter as claimed in claim 4, wherein said means for generating the frames of primary digital data deliver a single flow of primary data ~~of which~~ having the data rate is controlled by said control means.

6. (cancelled).

7. (currently amended) ~~A~~ The transmitter as claimed in claim 3, wherein said means for generating the frames of primary digital data deliver ~~several at least two~~ synchronous primary data flows, each having a different data rate, ~~and~~ said control means selecting from the ~~different~~ at least two synchronous primary data flows these the frames of primary digital data which are to be protected against ~~transmission~~ the errors.

8. (currently amended) ~~A telephone device comprising a~~ The transmitter as claimed in claim 3, ~~wherein the transmitter is included in a telephone device.~~

9. (cancelled).

10. (cancelled)

11. (currently amended) A method of transmitting data ~~to a receiver~~ via a communication channel, comprising:

generating frames of primary digital data;

attributing a priority level ~~of priority~~ to each of the frames of primary digital data;

~~introducing adding~~ FEC type packets of redundancy data to ~~these the~~ frames of primary digital data for which a protection is envisaged, the ~~an added~~ quantity of the redundancy data being a function of the ~~priority level of priority of the primary a frame of primary digital data~~ under consideration and of the ~~an~~ error rate of the communication channel; and

supplying ~~said data~~ the protected frames of primary digital data protected to the communication channel; and

~~preventing the transmission of certain frames of primary digital data, especially those whose priority level is low, wherein the assignment of a level of priority to each of the frames of primary digital data is made by identifying the type of data contained in each of the frames of primary digital data and relating said type of data to a priority level.~~

12. (currently amended) A ~~The~~ method of transmitting data as claimed in claim 11, wherein ~~further comprising preventing the a transmission ensures to ensure that the a~~ data rate of the frames of ~~protected primary digital data~~ sent over the communication channel does not exceed the ~~a~~ maximum passband of said communication channel.

13. (currently amended) A ~~The~~ method of ~~transmitting data~~ as claimed in claim 12, wherein generating said frames of primary digital data enables the ~~a~~ delivery of a single flow of primary digital data.

14. (cancelled).

15. (currently amended) ~~A The method of transmitting data as claimed in claim 11, wherein~~
generating said frames of primary digital data enables ~~the a~~ delivery of ~~several at least two~~
synchronous primary digital data flows, each having a different data rate, ~~and the method further~~
~~comprising selecting from the different at least two synchronous primary digital data flows those~~
~~the~~ frames of primary digital data which are to be protected against ~~transmission the~~ errors.

16. (currently amended) A computer program embodied in a computer readable medium product
for a transmitter, ~~comprising including a series of instructions, in program code which executed,~~
for carrying out ~~actions comprising~~
~~generating frames of primary digital data;~~
~~attributing a priority level to each of the frames of primary digital data;~~
~~introducing redundancy data to the frames of primary digital data for protection, an added~~
~~quantity of the redundancy data being a function of the priority level of a frame of primary~~
~~digital data and of an error rate of the communication channel; and~~
~~supplying the protected frames of primary digital data to the communication channel.~~

17. (currently amended) ~~A The transmitter as claimed in claim 3, wherein the packets of~~
redundancy data ~~associated with the frames of primary digital data~~ are more numerous in
proportion as the priority level of the frames of primary digital data is higher and as the error rate
of the ~~communication channel~~ is higher.

18. (currently amended) ~~A The method of transmitting data as claimed in claim 11, wherein the~~
~~packets of redundancy data associated with the frames of primary digital data~~ are more numerous

in proportion as the priority level of the frames of primary digital data is higher and as the error rate of the communication channel is higher.

19. (new) The transmitted according to claim 3, further comprising control means for preventing a transmission of the frames of primary data having a low priority level.

20. (new) The transmitted according to claim 3, wherein the priority level is assigned to each of the frames of primary digital data by identifying a type of data contained in each of the frames and relating said type of data to the priority level using a correspondence table.